

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-22. (Cancelled)

23. (Currently Amended) A communication device for receiving encoded data via a transmission channel, the encoded data comprising first data and second data, wherein the first data is generated from one frame of video data and the second data is generated from a difference between frames of the video data, the communication device comprising:

transmission quality monitoring means for monitoring reception quality of received data via the transmission channel; and

reception control means for notifying of a request for transmission of the first data if the transmission quality monitoring means detects that the reception quality has restored to a preset second state after the reception quality deteriorated to a preset first state.

24. (Currently Amended) The communication device according to claim 23, wherein the reception control means transmits the request for transmission of the first data repeatedly at specific intervals until the communication device receives the first data.

25. (Currently Amended) The communication device according to claim 23, further comprising:

recording means for recording the received encoded data or the moving data reconstructed by decoding the received encoded data; and

record control means for deleting the encoded data or the video data received between the deterioration to the first state and the reception of the first data.

26. (Currently Amended) The communication device according to claim 25, wherein the record control means deletes the received encoded data or the video data when the communication device receives the first data.

27. (Currently Amended) The communication device according to claim 25, wherein the record control means deletes the received encoded data or video data after communication is completed.

28. (Currently Amended) The communication device according to claim 25, wherein the record control means includes means for monitoring the recording capacity of the recording means, and means for deleting the received data or video data if the remaining recording capacity has become below a specific amount.

29. (Currently Amended) A communication device for receiving encoded data via a transmission channel, the encoded data comprising first data and second data, wherein the first data is generated from one frame of video data and the second data is generated from a difference between frames of the video data, the communication device comprising:

transmission quality monitoring means for monitoring reception quality of received data via the transmission channel; and

reception control means for notifying the reception quality to a transmitting device, wherein the reception quality is to be used for detecting the transmission quality and judging that the first data should be transmitted in place of the second data by the transmitting device.

30. (Currently Amended) The communication device according to claim 29, further comprising:

recording means for recording the received encoded data or the video data reconstructed by decoding the received encoded data; and  
record control means for deleting the encoded data or the video data received between the deterioration to the first state and the reception of the first data.

31. (Currently Amended) The communication device according to claim 30, wherein the record control means deletes the received encoded data or the video data when the communication device receives the first data.

32. (Currently Amended) The communication device according to claim 30, wherein the record control means deletes the received encoded data or the video data after communication is completed.

33. (Currently Amended) The communication device according to claim 30, wherein the record control means includes means for monitoring the recording capacity of the recording means, and means for deleting the received data or video data if the remaining recording capacity has become below a specific amount.

34. (Currently Amended) A communication device for transmitting encoded data via a transmission channel, the encoded data comprising first data and second data, wherein the first data is generated from one frame of video data and the second data is generated from a difference between frames of the video data, the communication device comprising:

transmission control means for transmitting the first data in place of the second data if it is detected that the reception quality of the transmission channel has restored to a preset second state after the reception quality deteriorated to a preset first state.

35. (Currently Amended) The communication device according to claim 34, the transmission control means comprising:

means for receiving a request for transmission of the first data from a receiving device; and

means for transmitting the first data in place of the second data in case that the request for transmission of the first data from the receiving device is received.

36. (Currently Amended) The communication device according to claim 34, wherein the transmission control means comprises:

means for receiving monitored information about the quality of transmission channel transmitted from the receiving device;

means for detecting the quality of the transmission channel has restored to a preset second state after the quality deteriorated to a first state; and

means for transmitting the first data to the receiving device in place of the second data if the restoration of the quality has been detected.

37. (New) A communication device for communicating with other communication device bi-directionally using first data and second data, wherein the first data is generated from a one frame of video data and the second data is generated from difference between frames of the video data, the communication device comprising:

means for estimating the reception quality of the received data from the other communication device;

means for detecting the reception quality of the received data has restored to a preset second state after the reception quality deteriorated to a preset first state; and

means for transmitting the first data to the other communication device in place of the second data if the restoration is detected by the detecting means.

38. (New) The communication device according to claim 37, further comprising means for transmitting a request for the transmission of the first data to the other communication device in place of the second data if the restoration is detected by the detecting means.

39. (New) The communication device according to claim 23, wherein the first data is intra-coded data of the MPEG standard and the second data is inter-coded data of the MPEG standard.

40. (New) The communication device according to claim 29, wherein the first data is intra-coded data of the MPEG standard and the second data is inter-coded data of the MPEG standard.

41. (New) The communication device according to claim 34, wherein the first data is intra-coded data of the MPEG standard and the second data is inter-coded data of the MPEG standard.

42. (New) The communication device according to claim 37, wherein the first data is intra-coded data of the MPEG standard and the second data is inter-coded data of the MPEG standard.